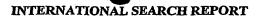


International application No.

			PCT/JP2004/003297		
A. CLASSIFI Int.Cl	CATION OF SUBJECT MATTER 7 H01R13/646			· ·	
According to In	ternational Patent Classification (IPC) or to both nation	nal classification and IPC	: 		
B. FIELDS SI				· ·	
	mentation searched (classification system followed by 6 H01R13/646, H01P5/08	classification symbols)			
			·		
Jitsuyo		tent that such documents Poroku Jitsuyo Sh Titsuyo Shinan To	inan Koho	e fields searched 1994–2004 1996–2004	
Electronic data	base consulted during the international search (name of	f data base and, where pr	acticable, search to	erms used)	
C. DOCUME	NTS CONSIDERED TO BE RELEVANT			·	
Category*	Citation of document, with indication, where a			Relevant to claim No.	
X Y	JP 9-199912 A (Nippon Telegr Corp.), 31 July, 1997 (31.07.97), Par. Nos. [0002] to [0004]; (Family: none)	raph And Telep Fig. 6	hone	1-6 . 7,8	
X Y	JP 2000-241780 A (Nippon Gla 08 September, 2000 (08.09.00 Full text; Figs. 1 to 2 (Family: none)		,	1-6 7,8	
Y A	JP 64-5102 A (Nippon Telegra Corp.), 10 January, 1989 (10.01.89), Page 2, upper right column, 1 left column, line 5; Fig. 7 (Family: none)	-		7,8 1-6	
× Further do	cuments are listed in the continuation of Box C.	See patent famil	y annex.		
Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance		date and not in con		mational filing date or priority tion but cited to understand evention	
"E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family			
					-
Date of the actual completion of the international search 07 June, 2004 (07.06.04)			Date of mailing of the international search report 22 June, 2004 (22.06.04)		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer			

Telephone No.



International application No. PCT/JP2004/003297

Category*	Citation of document, with indication, where appropriate, of the relevant passage	Relevant to claim N	
Α	JP 2003-68906 A (Kyocera Corp.), 07 March, 2003 (07.03.03), Full text; all drawings (Family: none)	1-8	
P,X	<pre>JP 2003-233043 A (Fujitsu Ltd.), 22 August, 2003 (22.08.03), Full text; all drawings & EP 1335237 A1 & US 2003/0151792 A1</pre>		
		•	
			•



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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 o	f first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the	following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:	io)
2. Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirement that no meaningful international search can be carried out, specifically:	rements to such an
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sente	ences of Rule 6.4(a).
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)	· ·
This International Searching Authority found multiple inventions in this international application, as follows: As stated in Box C, the inventions of independent claims appear to involve an inventive step in view of documents 1	l and 2 do not
Consequently, there is no technical relationship among the claims 1-8 involving a special technical feature which decontribution over the prior art that the inventions make as	efines such a
1. As all required additional search fees were timely paid by the applicant, this international search report c claims.	overs all searchable
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not i any additional fee.	nvite payment of
3. As only some of the required additional search fees were timely paid by the applicant, this international s only those claims for which fees were paid, specifically claims Nos.:	earch report covers
4. No required additional search fees were timely paid by the applicant. Consequently, this internation restricted to the invention first mentioned in the claims; it is covered by claims Nos.:	nal search report is
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.	
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